

11th Class FSC Mathematics Chapter 2 Test Online

Sr	Questions	Answers Choice
1	The correct order of first ionization energies is.	A. $F > He > Mg > N > O$ B. $He > F > N > O > Mg$ C. $He > O > F > N > Mg$ D. $N > F > He > O > Mg$
2	$S = \{1, -1, 2, -2\}$ is a group under:	A. multiplication B. subtraction C. addition D. none of these
3	Question Image	A. equal sets B. null sets C. overlapping sets D. subsets
4	Question Image	A. A B. B
5	If sets A and B are equal then:	
6	If $W = \{0, 1, 2, 3, 4, \dots\}$, $N = \{1, 2, 3, 4, \dots\}$ then $N - W = ?$	A. W B. $\{0\}$ D. none of these
7	Question Image	
8	Question Image	A. $\{1, 2, 3\}$ B. $\{5, 6, 7\}$ C. $\{4\}$
9	Question Image	A. A is superset of B B. B is superset of A C. A is subset of B D. A is equivalent to B
10	Question Image	
11	Question Image	A. 2 B. 4 C. 6 D. 8
12	If $(x - 2, 2) = (3, 2)$, then:	A. $x = 5$ B. $x = 2$ C. $x = -5$ D. $x = 3$
13	The identity element in a group is:	A. unique B. infinite C. both a and b D. not possible
14	Inverse of an element in a group is:	A. infinite B. finite C. unique D. not possible
15	A groupoid (S) is called _____ if it is associative in S:	A. group B. abelian-group C. semi-group D. associative-group
16	The ordered pairs (4, 5) and (5, 4) are:	A. same B. different C. both a and b D. N
17	The disjunction of two statements p and q is denoted by:	
18	Question Image	A. p is false and q is true B. both p and q are false C. p is true and q is false

D. both p and q are true

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Question Image

- A. p is false and q is true
- B. both p and q are false
- C. p is true and q is false
- D. both p and q are true

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The conjunction of two statements p and q is denoted by: